

DERWENT- 1992-047643

ACC-NO:

DERWENT- 199206

WEEK:

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TITLE: Filter for cinema film developing soln. etc. - consists of column packed with floating hollow aluminosilicate microspheres and regenerated by backflow of clean liq.

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PRIORITY-DATA: 1988SU-4371844 (January 26, 1988)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
<u>SU 1650196 A</u>	May 23, 1991	N/A	000	N/A

APPLICATION-DATA:

PUB-NO	APPL-DESCRIPTOR	APPL-NO	APPL-DATE
SU 1650196A	N/A	1988SU-4371844	January 26, 1988

INT-CL (IPC): B01D029/39, B01D039/06

ABSTRACTED-PUB-NO: SU 1650196A

BASIC-ABSTRACT:

The filter comprises a vertical casing (1) with aliq. feed pipe (2) and an axial liq. evacuator (3) cylindrical filtration sections (5) with a cover (6) and porous intermediate (8) and bottom (10) partitions forming clean liq. (9) and filter charge (13) chambers (12). To increase capacity, part (13) consists of floating hollow aluminosilicate microspheres based on fly ash.

Holes (4), flange (7), tongue (11) and the Mohs (8) hardness of the microspheres in each section reduce the overall wear of the installation. for regeneration, the clean liq. is introduced via part (3), and the sludge leaves via pipe (2).

USE/ADVANTAGE - Used in cleaning liquids from mechanical impurities, can be applied in cinema film developing. The design gives successive filtration based on hard microspheres. Bul.19/23.5.91

CHOSEN- Dwg.1/1
DRAWING:

TITLE- FILTER CINEMA FILM DEVELOP SOLUTION CONSIST COLUMN PACK
TERMS: FLOAT HOLLOW ALUMINOSILICATE MICROSPHERE REGENERATE
BACKFLOW CLEAN LIQUID

DERWENT-CLASS: J01

CPI-CODES: J01-F02A;

SECONDARY-ACC-NO:

CPI Secondary Accession Numbers: C1992-021359